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DATE: Tuesday, March 21, 2006

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

<input type="checkbox"/> L7	1,3-linkage same L4	0
<input type="checkbox"/> L6	(beta same 1,3-linkage) same L4	0
<input type="checkbox"/> L4	non-reducing same L3	8
<input type="checkbox"/> L3	(gene or sequence or polynucleotide) same L2	67
<input type="checkbox"/> L2	(N-acetylglucosamine or acetylglucosamine) same L1	271
<input type="checkbox"/> L1	(N-acetylglucosaminyltransferase or acetylglucosaminyltransferase)	779

END OF SEARCH HISTORY

STN SEARCH
=> index bioscience medicine

10/507,421

03/21/2006

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 16:10:30 ON 21 MAR 2006

73 FILES IN THE FILE LIST IN STNINDEX

=> s (N-acetylglucosaminyltransferase# or acetylglucosaminyltransferase#)

2	FILE ADISCTI
1	FILE ADISINSIGHT
53	FILE AGRICOLA
10	FILE ANABSTR
3	FILE AQUASCI
48	FILE BIOENG
1094	FILE BIOSIS
117	FILE BIOTECHABS
117	FILE BIOTECHDS
579	FILE BIOTECHNO
81	FILE CABA
1618	FILE CAPLUS
18	FILE CEABA-VTB
11	FILE CONFSCI
8	FILE DDFB
8	FILE DDFU
876	FILE DGENE
49	FILE DISSABS
8	FILE DRUGB
9	FILE DRUGU
8	FILE EMBAL
1013	FILE EMBASE
29	FILES SEARCHED...
510	FILE ESBIOBASE
7	FILE FEDRIP
4	FILE FROSTI
5	FILE FSTA
1905	FILE GENBANK
102	FILE IFIPAT
3	FILE IMSDRUGNEWS
1	FILE IMSRESEARCH
132	FILE JICST-EPLUS
240	FILE LIFESCI
1465	FILE MEDLINE
1	FILE NIOSHTIC
344	FILE PASCAL
50	FILES SEARCHED...
3	FILE PHAR
5	FILE PROMT
1130	FILE SCISEARCH
473	FILE TOXCENTER
646	FILE USPATFULL
50	FILE USPAT2
1	FILE VETU
2	FILE WPIFV
75	FILE WPINDEX
2	FILE IPA
6	FILE NLDB

46 FILES HAVE ONE OR MORE ANSWERS, 73 FILES SEARCHED IN STNINDEX

L1 QUE (N-ACETYLGLUCOSAMINYLTRANSFERASE# OR ACETYLGLUCOSAMINYLTRANSFERASE#)

=> d rank

F1	1905	GENBANK
F2	1618	CAPLUS
F3	1465	MEDLINE
F4	1130	SCISEARCH
F5	1094	BIOSIS

F6 1013 EMBASE
F7 876 DGENE
F8 646 USPATFULL
F9 579 BIOTECHNO
F10 510 ESBIOBASE
F11 473 TOXCENTER
F12 344 PASCAL
F13 240 LIFESCI
F14 132 JICST-EPLUS
F15 117 BIOTECHABS
F16 117 BIOTECHDS
F17 102 IFIPAT
F18 81 CABA
F19 75 WPINDEX
F20 53 AGRICOLA

=> file f2-f6, f8-f15, f20

FILE 'CAPLUS' ENTERED AT 16:13:05 ON 21 MAR 2006
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FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'AGRICOLA' ENTERED AT 16:13:05 ON 21 MAR 2006

=> s L1
L2 9297 L1

=> s (N-acetylglucosamine or acetylglucosamine)(s)L2
L3 1488 (N-ACETYLGLUCOSAMINE OR ACETYLGLUCOSAMINE)(S) L2

=> s (gene or sequence or polynucleotide)(s)L2
8 FILES SEARCHED...
L4 2058 (GENE OR SEQUENCE OR POLYNUCLEOTIDE)(S) L2

=> s (N-acetylglucosamine or acetylglucosamine)(s)L4
L5 285 (N-ACETYLGLUCOSAMINE OR ACETYLGLUCOSAMINE)(S) L4

=> s non-reduc?(s)L5
L6 7 NON-REDUC?(S) L5

=> s (beta(w)1,3-linkage?)(s)L5
7 FILES SEARCHED...
10 FILES SEARCHED...
L7 7 (BETA(W) 1,3-LINKAGE?)(S) L5

=> dup rem L6
PROCESSING COMPLETED FOR L6
L8 7 DUP REM L6 (0 DUPLICATES REMOVED)

=> d bib abs L8 1-7

L8 ANSWER 1 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2006:34230 USPATFULL
TITLE: Useful polypeptides
INVENTOR(S): Sasaki, Katsutoshi, Sagamihara-shi, JAPAN

Shiraishi, Norihiko, Tokyo, JAPAN
Natsume, Ayumi, Tokyo, JAPAN
Yamada, Yoji, Tokyo, JAPAN
Nakagawa, Satoshi, Tokyo, JAPAN
Sekine, Susume, Yokohama-shi, JAPAN

PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Chiyoda-ku, JAPAN
(non-U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2006030001 A1 20060209
APPLICATION INFO.: US 2005-148280 A1 20050609 (11)
RELATED APPLN. INFO.: Division of Ser. No. US 2001-19735, filed on 28 Dec
2001, PENDING A 371 of International Ser. No. WO
2000-JP4304, filed on 29 Jun 2000

NUMBER DATE

PRIORITY INFORMATION: JP 1999-183437 19990629
JP 2000-74757 20000316

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: FITZPATRICK CELLA HARPER & SCINTO, 30 ROCKEFELLER
PLAZA, NEW YORK, NY, 10112, US

NUMBER OF CLAIMS: 10

EXEMPLARY CLAIM: 1-33

NUMBER OF DRAWINGS: 22 Drawing Page(s)

LINE COUNT: 5101

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel polypeptide having a
.beta.1,3-N-acetylglucosaminyltransferase activity; a method for
producing the polypeptide; a DNA which encodes the polypeptide; a
recombinant vector into which the DNA is inserted; a transformant
comprising the recombinant vector; a method for producing a sugar chain
or complex carbohydrate, using the polypeptide; a method for producing a
sugar chain or complex carbohydrate, using the transformant; an antibody
which recognizes the polypeptide; a method for screening a substance
which changes the expression of the gene which encodes the polypeptide;
and a method for screening a substance which changes the activity of the
polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2006:27962 USPATFULL
TITLE: Method of producing recombinant antithrombin III
composition

INVENTOR(S): Yamada, Tsuyoshi, Tokyo, JAPAN
Satoh, Mitsuo, Tokyo, JAPAN
Kanda, Yutaka, Tokyo, JAPAN
Yamano, Kazuya, Tokyo, JAPAN

PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Tokyo, JAPAN (non-U.S.

corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2006024793 A1 20060202
APPLICATION INFO.: US 2004-959322 A1 20041007 (10)

NUMBER DATE

PRIORITY INFORMATION: JP 2003-350164 20031009
US 2004-572898P 20040521 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH
FLOOR, ARLINGTON, VA, 22203, US

NUMBER OF CLAIMS: 24

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 6 Drawing Page(s)

LINE COUNT: 6008

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a process for producing an antithrombin III composition comprising an antithrombin III molecule having complex type N-glycoside-linked sugar chains, wherein the complex type N-glycoside-linked sugar chains have a structure in which fucose is not bound to N-acetylglucosamine in the reducing end in the sugar chains.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2006:49254 USPATFULL

TITLE: Process for producing carbohydrates using .beta.
1,3-N-acetyl-glucosaminyltransferase

INVENTOR(S): Sasaki, Katsutoshi, Machida, JAPAN
Shiraishi, Norihiko, Machida, JAPAN
Natsume, Ayumi, Machida, JAPAN
Yamada, Yoji, Machida, JAPAN
Nakagawa, Satoshi, Machida, JAPAN
Sekine, Susumu, Machida, JAPAN

PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Tokyo, JAPAN (non-U.S.
corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 7005279 B1 20060228
WO 2001000848 20010104

APPLICATION INFO.: US 2001-19735 20000629 (10)
WO 2000-JP4304 20000629
20011228 PCT 371 date

NUMBER DATE

PRIORITY INFORMATION: JP 2001-183437 19990629
JP 2001-2000074757 20000316

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Prouty, Rebecca E.

LEGAL REPRESENTATIVE: Fitzpatrick, Cella, Harper & Scinto

NUMBER OF CLAIMS: 4

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 22 Drawing Figure(s); 22 Drawing Page(s)

LINE COUNT: 4449

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel polypeptide having a .beta.1,3-N-acetylglucosaminyltransferase activity; a method for producing the polypeptide; a DNA which encodes the polypeptide; a recombinant vector into which the DNA is inserted; a transformant comprising the recombinant vector; a method for producing a sugar chain or complex carbohydrate, using the polypeptide; a method for producing a sugar chain or complex carbohydrate, using the transformant; an antibody which recognizes the polypeptide; a method for screening a substance

which changes the expression of the gene which encodes the polypeptide; and a method for screening a substance which changes the activity of the polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 97:101885 USPATFULL

TITLE: Antibody specific for .beta.1.fwdarw.6
N-acetylglucosaminyltransferase

INVENTOR(S): Fukuda, Minoru, San Diego, CA, United States
Bierhuizen, Marti F. A., San Diego, CA, United States

PATENT ASSIGNEE(S): La Jolla Cancer Research Center, La Jolla, CA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5684134 19971104

APPLICATION INFO.: US 1995-487069 19950607 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-227455, filed on 14
Apr 1994 which is a division of Ser. No. US
1992-955041, filed on 1 Oct 1992, now patented, Pat.
No. US 5360733, issued on 1 Nov 1994

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted

PRIMARY EXAMINER: Cunningham, Thomas M.

ASSISTANT EXAMINER: Lubet, Martha T.

LEGAL REPRESENTATIVE: Campbell & Flores, LLP

NUMBER OF CLAIMS: 4

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s)

LINE COUNT: 1239

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel .beta.1.fwdarw.6

N-acetylglucosaminyltransferase, which forms core 2 oligosaccharide structures in O-glycans, and a novel acceptor molecule, leukosialin, CD43, for core 2 .beta.1.fwdarw.6 N-acetylglucosaminyltransferase activity. The amino acid sequences and nucleic acid sequences encoding these molecules, as well as active fragments thereof, also are disclosed. A method for isolating nucleic acid sequences encoding proteins having enzymatic activity is disclosed, using CHO cells that support replication of plasmid vectors having a polyoma virus origin of replication. A method to obtain a suitable cell line that expresses an acceptor molecule also is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 7 USPATFULL on STN

ACCESSION NUMBER: 97:73487 USPATFULL

TITLE: .beta.1-6 N-acetylglucosaminyl transferase, its
acceptor molecule, leukosialin, and a method for
cloning proteins having enzymatic activity

INVENTOR(S): Fukuda, Minoru, San Diego, CA, United States
Bierhuizen, Marti F. A., San Diego, CA, United States

PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA,
United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5658778 19970819

APPLICATION INFO.: US 1995-472482 19950607 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-227455, filed on 14
Apr 1994 which is a division of Ser. No. US
1992-955041, filed on 1 Oct 1992, now patented, Pat.
No. US 5360733, issued on 1 Nov 1994

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wax, Robert A.

ASSISTANT EXAMINER: Grimes, Eric

LEGAL REPRESENTATIVE: Campbell & Flores LLP

NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s)

LINE COUNT: 1240

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel .beta.1.fwdarw.6 N-acetylglucosaminyltransferase, which forms core 2 oligosaccharide structures in O-glycans, and a novel acceptor molecule, leukosialin, CD43, for core 2 .beta.1.fwdarw.6 N-acetylglucosaminyltransferase activity. The amino acid sequences and nucleic acid sequences encoding these molecules, as well as active fragments thereof, also are disclosed. A method for isolating nucleic acid sequences encoding proteins having enzymatic activity is disclosed, using CHO cells that support replication of plasmid vectors having a polyoma virus origin of replication. A method to obtain a suitable cell line that expresses an acceptor molecule also is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 7 USPATFULL on STN

ACCESSION NUMBER: 97:36093 USPATFULL

TITLE: .beta.1 6 N-acetylglucosaminyltransferase, its acceptor molecule, leukosialin, and a method for cloning proteins having enzymatic activity

INVENTOR(S): Fukuda, Minoru, San Diego, CA, United States
Bierhuizen, Marti F. A., San Diego, CA, United States

PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5624832 19970429

APPLICATION INFO.: US 1994-227455 19940414 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1992-955041, filed on 1 Oct 1992, now patented, Pat. No. US 5360733

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wax, Robert A.

ASSISTANT EXAMINER: Grimes, Eric

LEGAL REPRESENTATIVE: Campbell & Flores LLP

NUMBER OF CLAIMS: 9

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s)

LINE COUNT: 1257

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel .beta.1.fwdarw.6 N-acetylglucosaminyltransferase, which forms core 2 oligosaccharide structures in O-glycans, and a novel acceptor molecule, leukosialin, CD43, for core 2 .beta.1.fwdarw.6 N-acetylglucosaminyltransferase activity. The amino acid sequences and nucleic acid sequences encoding these molecules, as well as active fragments thereof, also are disclosed. A method for isolating nucleic acid sequences encoding proteins having enzymatic activity is disclosed, using CHO cells that support replication of plasmid vectors having a polyoma virus origin of replication. A method to obtain a suitable cell line that expresses an acceptor molecule also is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 7 USPATFULL on STN

ACCESSION NUMBER: 94:95347 USPATFULL

TITLE: Human .beta.1-6 n-acetylglucosaminyl transferase

INVENTOR(S): Fukuda, Minoru, San Diego, CA, United States
Bierhuizen, Marti F. A., San Diego, CA, United States

PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, La Jolla, CA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5360733 19941101

APPLICATION INFO.: US 1992-955041 19921001 (7)
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Grimes, Eric
LEGAL REPRESENTATIVE: Campbell and Flores
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s)
LINE COUNT: 1176

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a novel .beta.1.fwdarw.6 N-acetylglucosaminyltransferase, which forms core 2 oligosaccharide structures in O-glycans, and a novel acceptor molecule, leukosialin, CD43, for core 2 .beta.1.fwdarw.6 N-acetylglucosaminyltransferase activity. The amino acid sequences and nucleic acid sequences encoding these molecules, as well as active fragments thereof, also are disclosed. A method for isolating nucleic acid sequences encoding proteins having enzymatic activity is disclosed, using CHO cells that support replication of plasmid vectors having a polyoma virus origin of replication. A method to obtain a suitable cell line that expresses an acceptor molecule also is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

L1 QUE (N-ACETYLGLUCOSAMINYLTRANSFERASE# OR ACETYLGLUCOSAMINYLTRAN

FILE 'CAPLUS, MEDLINE, SCISEARCH, BIOSIS, EMBASE, USPATFULL, BIOTECHNO, ESBIOBASE, TOXCENTER, PASCAL, LIFESCI, JICST-EPLUS, AGRICOLA' ENTERED AT 16:13:05 ON 21 MAR 2006

L2 9297 S L1
L3 1488 S (N-ACETYLGLUCOSAMINE OR ACETYLGLUCOSAMINE)(S)L2
L4 2058 S (GENE OR SEQUENCE OR POLYNUCLEOTIDE)(S)L2
L5 285 S (N-ACETYLGLUCOSAMINE OR ACETYLGLUCOSAMINE)(S)L4
L6 7 S NON-REDUC?(S)L5
L7 7 S (BETA(W)1,3-LINKAGE?)(S)L5
L8 7 DUP REM L6 (0 DUPLICATES REMOVED)

=> log y